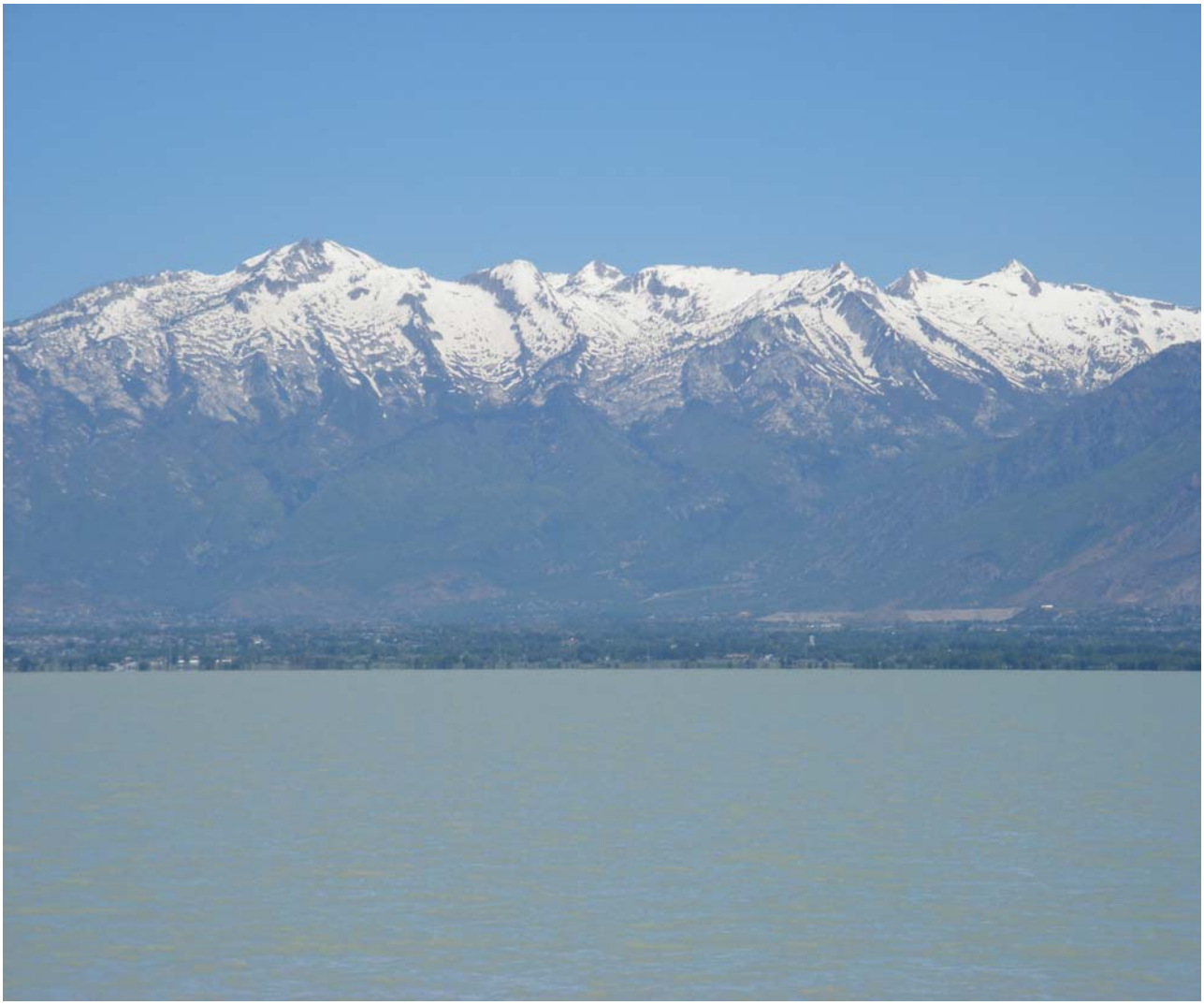
UTAH 2008 303(d) REPORT
PART 3 INTEGRATED REPORT
LIST OF IMPAIRED WATERS



Utah Division of Water Quality
Utah Department of Environmental Quality

Utah 2008 305(b) Report
Part 3 Integrated Report
List of Impaired Waters

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Chapter 3.1. Utah 2008 Integrated Report 303(d) List

3.1.1 Introduction

Pursuant to Section 303(d) of the Clean Water Act as amended, each State is required to identify those Assessment Units (AUs) for which existing pollution controls are not stringent enough to implement state water quality standards. Thus, those waters or AUs (i.e., lakes, reservoirs, rivers, and streams) that are not currently achieving or are not expected to achieve those standards are identified as water quality limited. An AU is considered water quality limited when it is known that its water quality does not meet applicable water quality standards or is not expected to meet applicable water quality standards. AUs can be water quality limited due to point sources of pollutants, non point sources of pollutants or both. Examples of pollutants that can cause beneficial use impairment include chemicals for which there are numeric standards (e.g., ammonia, chlorine, organic compounds and trace elements) and pathogens. Section 303(d) of the federal Clean Water Act (CWA) requires states to develop and submit for approval a list of waters targeted for TMDL development every two years. This is referred to as the 303(d) list.

Once an AU is identified as water quality limited, the State is to determine the source(s) of the water quality problem and to allocate the responsibility for controlling the pollutant. This analysis is called a Total Maximum Daily Load analysis or "TMDL" which the State does to determine the reduction in pollutant loading necessary for that AU to meet water quality standards and support its beneficial uses. The result of this process determines (1) the amount of a specific pollutant that an AU can receive without exceeding a water quality standard or impair a beneficial use, (2) the apportionment of the load to point and nonpoint sources, and (3) a margin of safety. While the term TMDL implies that loading capacity is determined on a daily time scale, TMDLs can range from meeting an instantaneous concentration (e.g., an acute standard) to computing an acceptable phosphorus load for a lake or reservoir.

The Division of Water Quality (DWQ) is discontinuing the listing of Waste Load Allocations done for permit renewals as a 303(d) TMDL. The UPDES Permit Renewal Waste Load Allocations are determined to protect the beneficial uses of the receiving water. Some parameters must meet State standards at the end-of-pipe. That is, the discharge water must meet the standard before it is discharged. For other discharges, the water that the discharge is released to must meet the standard within a defined mixing zone. The Region 8 Office of EPA has also determined that the permittees WLAs are not required to be listed on the 303(d) list.

Once identification of TMDL waters is completed, states are to develop TMDLs at a pace necessary to complete all the TMDLs during a 13 year period. In addition, the State is required to prioritize its assessment units for TMDL development and to identify those AUs that will be targeted for TMDL development within the next two years.

3.1.2 Methodology for Developing the 303(d) List

The majority of data and information used to assess waters of the state came from the following DWQ assessment programs.

1. 2006 Integrated Report – The 2006 303(d) list forms the basis for the 2008 303(d) list. Those AUs that do not meet the criteria to be removed from the 303(d) list are included in the 2008 303(d) list.

2. Lake Water Quality Assessment and Clean Lakes Programs (314) - Any lake or reservoir identified as not supporting one or more of its beneficial uses through either one of these programs is evaluated for listing.

3. Stream Water Quality Assessment [Section 305(b) of the Clean Water Act] and Nonpoint Source Programs (319) - Any stream AU identified as not supporting one or more of its beneficial uses through either one of these programs is evaluated for listing.

4. Cooperative Monitoring Program - The DWQ has Memorandums of Agreement with the U.S. Forest Service and U.S. Bureau of Land Management to cooperate in the monitoring of the waters of the State. Agreements have also been made with other entities to monitor and collect data to be used in assessing waters for preparation of the 303(d) list. Any AU identified using data from the cooperative monitoring program as not meeting its beneficial uses was evaluated for listing.

3.1.3 Data and Information Used To Prepare The 303(d) List.

The state of Utah relied upon the following sources of data and information to prepare its 303(d) list.

3.1.3.1. Water Quality Assessments

Water quality assessments conducted as part of the Section 305(b) assessment were used to determine if an AU was meeting the standards and supporting it designated beneficial uses. The State uses a five-year rotating monitoring program to collect data and to assess the beneficial use support of its rivers and streams. The State has been divided into ten watershed management units (Figure 3.1) that have been aggregated into five monitoring regions (Table 3.1) for water quality monitoring purposes. Each region is monitored on an intensive basis once every five years.

Other data collected on a yearly basis by the DWQ and other agencies were also used to assess water quality statewide. Beneficial use support designations were arrived at using chemical, physical, biological data and other information collected by the DWQ, Cooperating Agencies, and other entities involved in collecting data related to water quality. Federal and other public agencies involved with cooperative monitoring agreements or providing information used during this cycle to assess beneficial use support are listed below:

1. United States Forest Service
2. United States Bureau of Land Management
3. United States National Park Service
4. Salt Lake City
6. Central Utah Water Conservancy District
7. United States Bureau of Reclamation
8. United States Geological Survey
9. Utah Division of Solid and Hazardous Waste
10. Salt Lake County

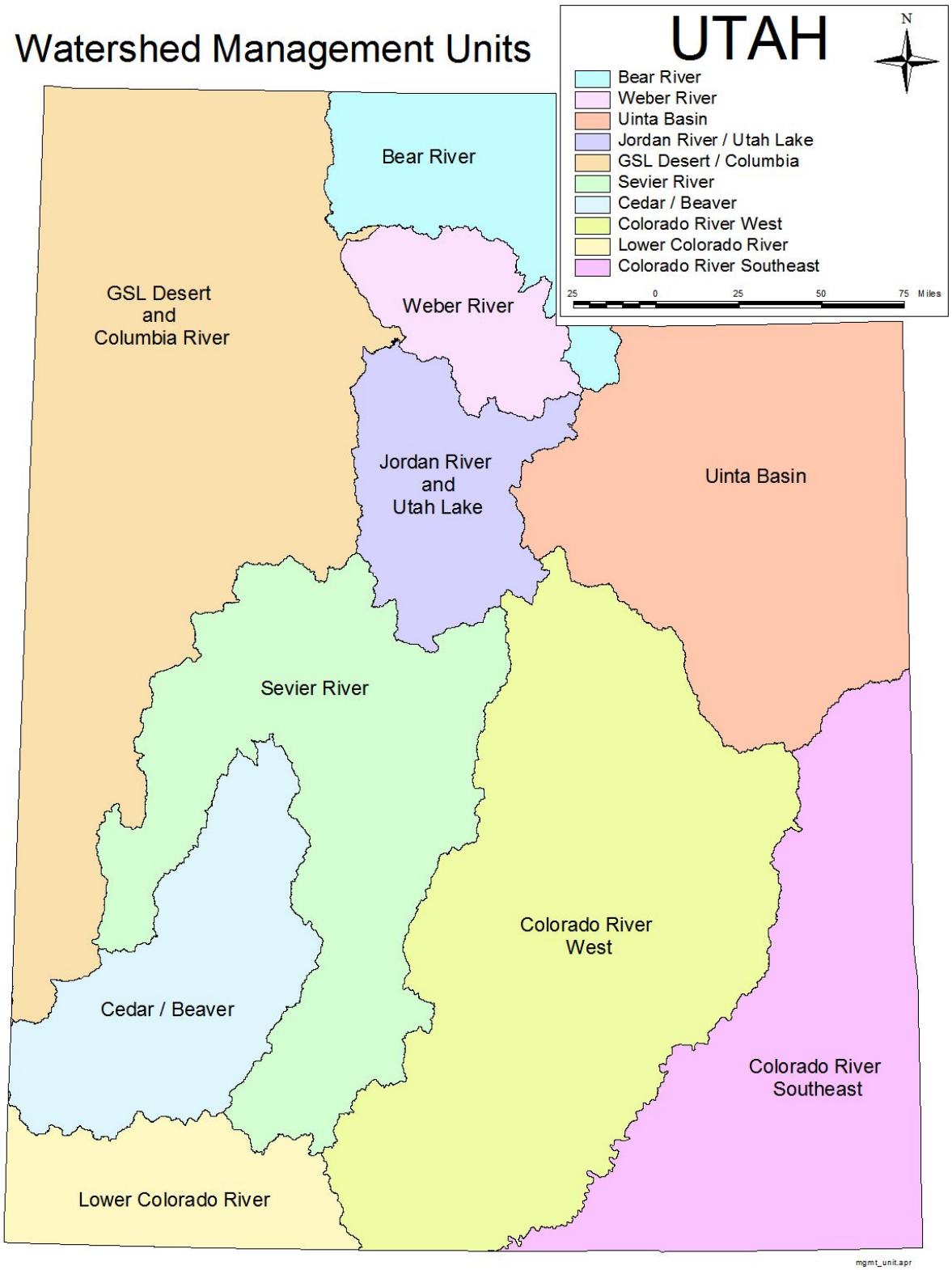

Figure 3.1-1 Utah's Watershed Management Units

Table 3.1-1 Water Quality Monitoring Regions

Region	Management Units
1	Bear River, Weber River, Great Salt Lake Desert/Columbia (northern portion of the GSL Desert)
2	Jordan River, Great Salt Lake Desert (southern portion of Great Salt Lake)
3	Uinta
4	Sevier River, Cedar/Beaver, Lower Colorado
5	Colorado River West, Colorado River Southeast

3.1.3.2. Bacteriological Data

Bacteriological data collected by Salt Lake County were used to assess streams in the Jordan River watershed. Bacteriological data provided by Salt Lake County were used to assess Emigration Creek in the Jordan River watershed. Physical and water chemistry data collected by the U. S. Geological Survey (USGS) as part of the Great Salt Lake River Basins NAWQA study and from other monitoring sites throughout the state were used to assess beneficial use support. Benthic macroinvertebrate data collected by the DWQ and the National Aquatic Monitoring Center at Utah State University were used to assess waters within the State.

3.1.3.3. Reports

Reports published by other government entities were used to determine beneficial use support. Cooperative monitoring programs with other governmental agencies were used to enhance the assessment capabilities of the State. In addition, technical advisory committees were established in several watersheds and they assisted in the assessment and reviewed reports that were prepared by the DWQ. These advisory committees include representatives from federal, state, county, and private groups.

3.1.3.4. Nonpoint Sources Assessments – Section 319

Nonpoint source assessments that identified impaired waters were used to list waters. These assessments were done by various agencies including the DWQ and the Natural Resources Conservation Service. Nonpoint Source Project Implementation Plans were reviewed to identify problems and list impacts.

3.1.3.5. Clean Lakes Assessment – Section 314

Lake and reservoir assessments identified as impaired from the lakes assessment were listed

as impaired and placed on the 303(d) list.

3.1.4. Public Participation

Public participation in developing the list was primarily in the form of technical advisory and steering committees that consisted of other State agencies, Federal agencies, and individuals or groups from the private sector. Some committees actively participated in preparing the list while presentations of the assessments were given to others. Comments by the groups were then reviewed to assist in preparing the list.

3.1.4.1. Public Notices

Three public notices pertaining to the development of the 303(d) list were published in the Salt Lake Tribune and the Deseret News. The first notice was a request for submitting data and information to use in assessing the waters of the State for the 2008 Integrated Report. It was published on January 20th and 21st, 2007 and the submission date was set as March 15, 2007 to ensure that there would be sufficient time to use the data in the assessment. The request for data and information was also placed on DWQ's website. The DWQ accepted data after this date and used it in our assessment.

The second notice was for public comment on the Assessment Guidance for the 2008 Integrated Report. It was published in the Salt Lake Tribune and Deseret News, placed upon our website and the notice was mailed to individuals and entities notifying them of the comment request. The notice was published in the two newspapers on May 1st and May 11th, 2007.

A request for comments on Utah's 2008 Integrated Report was published in the Salt Lake Tribune, Deseret News and DWQ's web site. Individuals and entities were notified by mail and e-mail also. The Integrated Report includes the assessment guidance, the assessment (CWA Section 305(b)), and the 303(d) list of impaired waters (CWA Section 303(d)).

3.1.4.2. Response to Public Comments

The DWQ's response to the comments received from May 11, 2008 through June 9, 2008. Comments received and responses were submitted with the Integrated Report to the U.S. Environmental Protection Agency. In addition, changes made in consultation with EPA since June 9 resulted in changes in the assessment of AUs.

3.1.4.3. Steering, Technical Advisory, and Watershed Committees

The following Steering, Technical Advisory and Watershed Committee were involved in

the assessment process.

Bear River Watershed Management Unit

a. Bear River Basin Water Quality Task Force
b. Cub River Steering and Technical Advisory Committees

Jordan River Watershed Management Unit

a. Provo River Watershed Committee
b. Little Cottonwood Creek Watershed Group
c. Spanish Fork River Steering and Technical Advisory Committee

Cedar/Beaver Watershed Management Unit

a. Beaver River Technical Advisory Committee

Lower Colorado Watershed Management Unit

a. Virgin River Watershed Advisory Committee

Sevier River Watershed Management Unit

a. Sevier River Steering and Technical Advisory Committees
b. Upper Sevier River Technical Advisory Committee
c. San Pitch RiverWatershed Stewardship Group

Uinta Watershed Management Unit

a. Ashley Creek Advisory Committee
b. Duchesne-Strawberry Advisory Committee
c. Uinta Water Advisory Committee

Weber River Watershed Management Unit

a. East Canyon Water Quality Advisory Committee
b. Upper Weber River Watershed Committee
c. Upper Silver Creek Watershed Stakeholder Group
d. Ogden Valley Watershed Committee

Colorado River West Watershed Management Unit

a. Price-San Rafael Steering and Technical Advisory Committees
b. Fremont River Steering and Technical Advisory Committees

3.1.5. Prioritization of TMDL Assessment Units

The priorities for determining the order in which TMDLs will be done for impaired AUs are listed below.

3.1.5.1. Severity of Pollution and Beneficial Uses of Waters

The severity an AU is impaired based upon the pollutant and the beneficial use class or

classes impaired will be used to determine the priority of completing a TMDL.

3.1.5.2. Basin Planning

The streams and rivers are included in ten watershed management units. These units are included into five monitoring regions or units that are sampled intensively once every five years. This schedule allows the state to monitor a majority of the perennial streams state-wide to identify those waters that are not meeting standards or beneficial uses. A key component of DWQ's management process is to complete priority TMDLs in each of these watersheds during the five-year cycle. This process makes it possible to revise and update DWQ's water quality assessment, report completed TMDLs for impaired waters and document improvement in water quality as TMDLs are implemented.

3.1.5.3. On-going Activities Within the Watershed

DWQ uses water quality related projects and activities that are on going in a watershed to prioritize its TMDL AUs. DWQ cooperates with various entities to implement TMDL work and water quality management plans throughout the state. This cooperation provides additional funding and staff for water quality related assessments and improvements. DWQ works with the Division of Water Resources to coordinate work when it produces its state water plans for each basin.

3.1.5.4. Economic and Social Impact on Communities, Businesses, and Citizens

Economic and social impact on different sectors of the public are used to help prioritize TMDLs.

3.1.5.5. Degree of Public Interest, Support, and Resource Importance

Public interest, support and resource availability play a significant role in developing TMDLs.

3.1.5.6. Proposed Schedule for Completion of TMDLs

A TMDL is basically defined as the amount of a pollutant that must be removed from an AU in order that water quality standards may be achieved in those waters where the standards are exceeded or beneficial uses are impaired. Impairments caused by "pollution", i.e. habitat alteration, flow alteration, are listed in Category 4C, but TMDLs are not required. Pollutants requiring a TMDL are listed in Category 5 (Table 3.1).

3.1.5.7. Components of a TMDL

The components of a TMDL include the following.:

1. The water quality standards (DWQ, 2005) for the impaired AU(s). This includes beneficial uses, narrative standard, numeric criteria and the anti-degradation policy and procedure;

2. A quantifiable endpoint that an AU needs to achieve, e.g., total permitted lbs. per day of a certain parameter, or other appropriate endpoints such as temperature, etc.;

3. A quantified pollution reduction target. e.g., the total lbs. per day that should be reduced, or other appropriate indicators such as percent removal of pollutant;

4. All significant sources of the "stressor" must be identified or accounted for in some manner;

5. There must be an appropriate level of technical analysis;

6. A margin of safety must be included in the TMDL;

7. An apportion of responsibility for taking actions, e.g., who is causing the pollution and how many lbs. per day of a pollutant is this individual or entity responsible for, and lastly;

8. There must be some level of public involvement or review.

TMDLs scheduled for completion from April 1, 2008 to March 31, 2010 are listed in Tables 3.2.1 and 3.2.2. They are identified by the date April 1, 2010.

3.1.6 Utah's 303(d) l List for 2008

Included in this section is a list of the streams, rivers, lakes, and reservoirs that require a TMDL analysis. This list is commonly called the 303(d) list because it is required by Section 303(d) of the Clean Water Act. Table 3.1 is a list of the stream AUs that need TMDLs. Table 3.2 contains the lake and reservoir AUs needing TMDLs.

The DWQ is requesting that several stream, river, lake and reservoir AUs be removed from the 303(d) list. The stream AUs are listed in Table 3.4 and the lake AUs are listed in Table 3.5.

The status of TMDLs that were identified during the 2006 cycle to be completed by April 1, 2008 is listed in Tables 3.6 and 3.7. The status for streams is in Table 3.6 and lakes are in Table 3.7.

The DWQ with the approval of EPA is discontinuing listing UPDES permit renewals as TMDLs. Facilities are required to meet the requirements set forth in their permit to protect the beneficial uses of the waters of the State they discharge into. Violations of the discharge requirements can cause a beneficial use to be impaired. Any such violations are addressed through the Permitting and Compliance Program. The status of the UPDES permit renewals that were due from April 1, 2006 through May 30, 2008 are listed in Table 3.8.

Table 3.9 is a list of the status TMDLs that have been completed through the years under the TMDL program.

Table 3.1-2 Category 5: Stream Assessment Units needing a Total Maximum Daily Load Analysis - 2008 303(d) List

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	TMDL Target Date
Bear River	UT16010101-007	Big Creek	Big Creek and tributaries from Bear River to headwaters	2B, 3A, 4	NS	5	pH	26.84	
Bear River	UT16010101-028	Yellow Creek	Yellow Creek and tributaries from Utah-Wyoming border to headwaters	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	16.4	
Bear River	UT16010201-002	Laketown	Laketown and Big Creek and other tributaries from Bear Lake to headwaters	3A	NS	5	Temperature	11.5	
Bear River	UT16010202-002	Newton Creek	Newton Creek from confluence with Cutler Reservoir to Newton Reservoir	3A	NS	5	Temperature	5.16	
Bear River	UT16010202-005	Summit Creek Lower	Summit Creek and tributaries from confluence with Bear River to USFS boundary	3A	NS	5	Temperature	6.8	
Bear River	UT16010203-008	Spring Creek	Spring Creek and tributaries from confluence with Little Bear River to headwaters	4	NS	5	TDS	7.36	
Bear River	UT16010203-009	Little Bear River-1	Little Bear River from Cutler Reservoir to Hyrum Reservoir	3A	NS	5	Temperature	16.52	
Bear River	UT16010203-013	South Fork Little Bear	South Fork Little Bear and tributaries from confluence with Little Bear River to headwaters, except Davenport Creek	3A	NS	5	Temperature	16	
Bear River	UT16010204-003	Bear River-1	Bear River from Great Salt Lake to Malad River confluence	4	NS	5	TDS	17.51	
Bear River	UT16010204-006	Malad River-1	Malad River from confluence with Bear River to Utah-Idaho state line	3C	NS	5	Benthic Macroinvertebrate Assessment Impairment	51.96	

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	TMDL Target Date
Colorado River Southeast	UT14010005-001	Colorado River-6	Colorado River from HUC 14010005-14030001 boundary to Colorado State Line	3B	NS	5	Selenium	3.84	
Colorado River Southeast	UT14030001-005	Colorado River-5	Colorado River from Dolores River confluence to HUC 14010005 boundary	3B	NS	5	Selenium	33.90	
Colorado River Southeast	UT14030004-001	Dolores River	Dolores River and tributaries (except Granite Creek) from confluence with Colorado River to headwaters or Utah-Colorado state line	4	NS	5	TDS	61.73	
Colorado River Southeast	UT14030005-003	Colorado River-3	Colorado River from Green River confluence to Moab	3B	NS	5	Selenium	62.69	
Colorado River Southeast	UT14030005-004	Colorado River-4	Colorado River from Moab to HUC unit (14030005) boundary	3B	NS	5	Selenium	35.77	
Colorado River Southeast	UT14030005-009	Castle Creek-1	Castle Creek and tributaries from confluence with Colorado River to Seventh-Day Adventist diversion	3B	NS	5	Benthic Macroinvertebrate Assessment Impairment	9.10	
Colorado River Southeast	UT14030005-011	Pack Creek	Pack Creek and tributaries from the confluence with Mill Creek to USFS boundary	3A	NS	5	Temperature	15.21	
Colorado River Southeast	UT14030005-013	Onion Creek Upper	Onion Creek and tributaries from road crossing above Stinking Springs to headwaters	4	NS	5	TDS	2.2	
Colorado River West	UT14060009-010	Huntington Creek-1	Huntington Creek and tributaries from confluence with Cottonwood Creek to Highway 10	3C	NS	5	Selenium	25.79	
Colorado River West	UT14060009-013	Upper San Rafael	San Rafael River from Buckhorn Crossing to confluence of Huntington and Cottonwood Creeks	3C	NS	5	Benthic Macroinvertebrate Assessment Impairment	23.3	

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	TMDL Target Date
Colorado River West	UT14070003-008	Fremont River-3	Fremont River and tributaries from east boundary of Capitol Reef National Park to Bicknell	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	82.88	
Colorado River West	UT14070006-004	Chance Creek	Chance Creek and tributaries from Lake Powell to headwaters	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	16.72	4/1/2010
Colorado River West	UT14070007-001	Paria River-1	Paria River from start of Paria River Gorge to headwaters	3C	NS	5	Temperature	16.77	
Colorado River West	UT14070007-001	Paria River-1	Paria River from start of Paria River Gorge to headwaters	4	NS	5	TDS	16.77	
Colorado River West	UT14070007-005	Paria River-3	Paria River and tributaries from Arizona-Utah state line to Cottonwood Creek confluence	3C	NS	5	Benthic Macroinvertebrate Assessment Impairment	9.23	
Colorado River West	UT14070007-005	Paria River-3	Paria River and tributaries from Arizona-Utah state line to Cottonwood Creek confluence	4	NS	5	TDS	9.23	
Jordan River/ Utah Lake	UT16020201-003	Currant Creek	Current Creek from mouth of Goshen Canyon to Mona Reservoir	2B	NS	5	pH	3.44	
Jordan River/ Utah Lake	UT16020201-003	Currant Creek	Current Creek from mouth of Goshen Canyon to Mona Reservoir	3A	NS	5	pH	3.44	
Jordan River/ Utah Lake	UT16020201-003	Currant Creek	Current Creek from mouth of Goshen Canyon to Mona Reservoir	3A	NS	5	Temperature	3.44	
Jordan River/ Utah Lake	UT16020201-003	Currant Creek	Current Creek from mouth of Goshen Canyon to Mona Reservoir	4	NS	5	pH	3.44	
Jordan River/ Utah Lake	UT16020201-008	Jordan River-8	Jordan River from Narrows to Utah Lake	4	NS	5	TDS	14.15	

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	TMDL Target Date
Jordan River/ Utah Lake	UT16020202-019	Clear Creek	Clear Creek and tributaries from confluence with Soldier Creek to headwaters	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	12.63	
Jordan River/ Utah Lake	UT16020202-022	Thistle Creek-1	Thistle Creek from confluence with Soldier Creek to confluence with Little Clear Creek	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	18.28	
Jordan River/ Utah Lake	UT16020203-001	Provo River-1	Provo River from Utah Lake to Murdock Diversion	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	10.26	
Jordan River/ Utah Lake	UT16020203-013	Provo Deer Creek	Provo Deer Creek and tributaries from confluence with Provo River to headwaters	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	19.14	
Jordan River/ Utah Lake	UT16020203-014	Snake Creek-1	Snake Creek from confluence with Provo River to Wasatch Mountain State Park Golf Course	1C	NS	5	Arsenic	4.09	
Jordan River/ Utah Lake	UT16020204-001	Jordan River-1	Jordan River from Farmington Bay upstream contiguous with the Davis County line	3B	NS	5	Dissolved Oxygen	7.6	
Jordan River/ Utah Lake	UT16020204-001	Jordan River-1	Jordan River from Farmington Bay upstream contiguous with the Davis County line	3D	NS	5	Organic Enrichment/Low DO	7.6	
Jordan River/ Utah Lake	UT16020204-002	Jordan River-2	Jordan River from Davis County line upstream to North Temple Street	2B	NS	5	E. coli	4.46	
Jordan River/ Utah Lake	UT16020204-002	Jordan River-2	Jordan River from Davis County line upstream to North Temple Street	3B	NS	5	Dissolved Oxygen	4.46	
Jordan River/ Utah Lake	UT16020204-003	Jordan River-3	Jordan River from North Temple to 2100 South	2B	NS	5	E. coli	4.2	

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	TMDL Target Date
Jordan River/ Utah Lake	UT16020204-003	Jordan River-3	Jordan River from North Temple to 2100 South	3B	NS	5	Dissolved Oxygen	4.2	
Jordan River/ Utah Lake	UT16020204-003	Jordan River-3	Jordan River from North Temple to 2100 South	3B	NS	5	Total Phosphorus	4.2	
Jordan River/ Utah Lake	UT16020204-004	Jordan River-4	Jordan River from 2100 South to the confluence with Little Cottonwood Creek	4	NS	5	TDS	9.41	
Jordan River/ Utah Lake	UT16020204-005	Jordan River-5	Jordan River from the confluence with Little Cottonwood Creek to 7800 South	2B	NS	5	E. coli	4.7	
Jordan River/ Utah Lake	UT16020204-005	Jordan River-5	Jordan River from the confluence with Little Cottonwood Creek to 7800 South	3A	NS	5	Temperature	4.7	
Jordan River/ Utah Lake	UT16020204-005	Jordan River-5	Jordan River from the confluence with Little Cottonwood Creek to 7800 South	4	NS	5	TDS	4.7	
Jordan River/ Utah Lake	UT16020204-006	Jordan River-6	Jordan River from 7800 South to Bluffdale	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	10.29	
Jordan River/ Utah Lake	UT16020204-006	Jordan River-6	Jordan River from 7800 South to Bluffdale	4	NS	5	TDS	10.29	
Jordan River/ Utah Lake	UT16020204-007	Jordan River-7	Jordan River from Bluffdale to Narrows	3A	NS	5	Temperature	4.18	
Jordan River/ Utah Lake	UT16020204-007	Jordan River-7	Jordan River from Bluffdale to Narrows	4	NS	5	TDS	4.18	
Jordan River/ Utah Lake	UT16020204-012	Emigration Creek	Emigration Creek and tributaries from Foothill BLVD to headwaters	2B	NS	5	E. coli	4.29	
Jordan River/ Utah Lake	UT16020204-019	Big Cottonwood Creek-1	Big Cottonwood Creek and tributaries from Jordan River to Big Cottonwood WTP	3A	NS	5	Temperature	9.53	4/1/2010

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	TMDL Target Date
Jordan River/ Utah Lake	UT16020204-021	Little Cottonwood Creek-1	Little Cottonwood Creek and tributaries from Jordan River confluence to Metropolitan WTP	3A	NS	5	Temperature	8.73	
Jordan River/ Utah Lake	UT16020204-021	Little Cottonwood Creek-1	Little Cottonwood Creek and tributaries from Jordan River confluence to Metropolitan WTP	4	NS	5	TDS	8.73	4/1/2010
Jordan River/ Utah Lake	UT16020204-022	Little Cottonwood Creek-2	Little Cottonwood Creek and tributaries from Metropolitan WTP to headwaters	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	21.49	
Lower Colorado River	UT15010003-002	Kanab Creek-1	Kanab Creek and tributaries from state line to the confluence with Fourmile Hollow near the White Cliffs	4	NS	5	TDS	17.64	
Lower Colorado River	UT15010003-004	Johnson Wash-1	Johnson Wash and tributaries from Utah-Arizona state line to Skutumpah Canyon confluence	4	NS	5	TDS	11.96	
Lower Colorado River	UT15010008-001	Santa Clara-1	Santa Clara River from confluence with Virgin River to Gunlock Reservoir	3B	NS	5	Temperature	23.67	
Lower Colorado River	UT15010008-001	Santa Clara-1	Santa Clara River from confluence with Virgin River to Gunlock Reservoir	4	NS	5	Boron	23.67	
Lower Colorado River	UT15010008-002	Santa Clara-2	Santa Clara River and tributaries from Gunlock Reservoir to Baker Dam Reservoir (includes Magotsu Creek)	3A	NS	5	Temperature	24.96	
Lower Colorado River	UT15010008-004	Virgin River-2	Virgin River and tributaries from Santa Clara River confluence to Quail Creek diversion, excluding Quail, Ash, and La Verkin Creeks	3B	NS	5	Temperature	41.11	

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	TMDL Target Date
Lower Colorado River	UT15010008-004	Virgin River-2	Virgin River and tributaries from Santa Clara River confluence to Quail Creek diversion, excluding Quail, Ash, and La Verkin Creeks	4	NS	5	Boron	41.11	
Lower Colorado River	UT15010010-001	Virgin River-1	Virgin River from state line to Santa Clara River confluence	3B	NS	5	Temperature	15.24	
Lower Colorado River	UT15010010-001	Virgin River-1	Virgin River from state line to Santa Clara River confluence	4	NS	5	Boron	15.24	
Lower Colorado River	UT15010003-002	Kanab Creek-1	Kanab Creek and tributaries from state line to the confluence with Fourmile Hollow near the White Cliffs	4	NS	5	TDS	38.32	
Lower Colorado River	UT15010003-004	Johnson Wash-1	Johnson Wash and tributaries from Utah-Arizona state line to Skutumpah Canyon confluence	4	NS	5	TDS	15.24	
Lower Colorado River	UT15010008-001	Santa Clara-1	Santa Clara River from confluence with Virgin River to Gunlock Reservoir	3B	NS	5	Temperature	15.24	
Lower Colorado River	UT15010008-001	Santa Clara-1	Santa Clara River from confluence with Virgin River to Gunlock Reservoir	4	NS	5	Boron	15.24	
Sevier River	UT16030001-002	Sevier River-4	Sevier River and tributaries from Piute Reservoir to Circleville Irrigation Diversion, excluding East Fork Sevier River and tributaries	3A	NS	5	Temperature	16.21	
Sevier River	UT16030001-005	Sevier River-3	Sevier River and tributaries from Circleville Irrigation Diversion to Horse Valley Diversion	3A	NS	5	Temperature	20.66	4/1/2010

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	TMDL Target Date
Sevier River	UT16030001-012	Sevier River-1	Sevier River and tributaries from Long Canal to Mammoth Creek confluence	3A	NS	5	Temperature	28.48	
Sevier River	UT16030001-013	Piute	Piute Reservoir tributaries below USFS boundary and excluding Sevier River inlet	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	4.04	
Sevier River	UT16030001-014	Threemile Creek	Threemile Creek and other Sevier River west side tributaries from Horse Valley Diversion upstream to Long Canal, excluding Panquitch and Bear Creeks	3A	NS	5	Temperature	19.91	
Sevier River	UT16030002-001	Otter Creek-4	Otter Creek and tributaries from Koosharem Reservoir to headwaters	3A	NS	5	Temperature	18.58	
Sevier River	UT16030002-002	Otter Creek-1	Otter Creek and tributaries from Otter Creek Reservoir to Koosharem Reservoir, except Box and Greenwich Creeks	3A	NS	5	Temperature	59.82	
Sevier River	UT16030002-005	East Fork Sevier River-4	East Fork Sevier River and tributaries from confluence with Sevier River upstream to Antimony Creek confluence, excluding Otter Creek and tributaries	3A	NS	5	Temperature	25.74	
Sevier River	UT16030003-012	Sevier River-17	Sevier River from Yuba Dam upstream to confluence with Salina Creek	3B	NS	5	Benthic Macroinvertebrate Assessment Impairment	45.24	
Sevier River	UT16030003-017	Sevier River-6	Sevier River from Clear Creek confluence to HUC unit 1603003-1603001 boundary	3A	NS	5	Temperature	28.06	
Sevier River	UT16030004-009	San Pitch-5	San Pitch River and tributaries from U-132 to Pleasant Creek confluence, excluding Cedar Creek, Oak Creek, Pleasant Creek and Cottowood Creek	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	65.66	

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	TMDL Target Date
Sevier River	UT16030005-022	Chicken Creek-2	Chicken Creek and tributaries from confluence with Sevier River to Levan	4	NS	5	TDS	24.51	
Sevier River	UT16030005-025	Sevier River-20	Sevier River from U-132 crossing at the northern most point of the Sevier River (near Dog Valley Wash confluence) upstream to Yuba Dam	3B	NS	5	Benthic Macroinvertebrate Assessment Impairment	34.43	
Sevier River	UT16030005-028	Sevier River-25	Sevier River from Crafts Lake to Gunnison Bend Reservoir	4	NS	5	Boron	18.66	
Uinta	UT14060002-001	Lower Ashley Creek	Ashley Creek and tributaries from Green River confluence to Vernal sewage lagoons	3B	NS	5	Selenium	8.1	
Uinta	UT14060002-001	Lower Ashley Creek	Ashley Creek and tributaries from Green River confluence to Vernal sewage lagoons	4	NS	5	TDS	8.1	
Uinta	UT14060002-002	Middle Ashley Creek	Ashley Creek and tributaries from Vernal sewage lagoons to Dry Fork confluence	3B	NS	5	Selenium	12.28	
Uinta	UT14060002-002	Middle Ashley Creek	Ashley Creek and tributaries from Vernal sewage lagoons to Dry Fork confluence	4	NS	5	TDS	12.28	
Uinta	UT14060002-003	Brush Creek	Brush Creek and tributaries from confluence w/Green River to Red Fleet Dam not including Little Brush Creek	3B	NS	5	Selenium	22.74	
Uinta	UT14060002-003	Brush Creek	Brush Creek and tributaries from confluence with Green River to Red Fleet Dam but excluding Little Brush Creek	4	NS	5	Selenium	22.74	
Uinta	UT14060002-008	Lower Dry Fork Creek	Dry Fork and tributaries from confluence with Ashley Creek to USFS boundary	3A	NS	5	Temperature	5.77	
Uinta	UT14060003-002	Duchesne River-2	Duchesne River and tributaries from Randlett to Myton	3A	NS	5	Temperature	31.59	

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	TMDL Target Date
Uinta	UT14060003-005	Antelope Creek	Antelope Creek and tributaries from Duchesne River confluence to headwaters	4	NS	5	Boron	31.57	4/1/2010
Uinta	UT14060003-005	Antelope Creek	Antelope Creek and tributaries from Duchesne River confluence to headwaters	4	NS	5	TDS	31.57	
Uinta	UT14060003-006	Duchesne River-3	Duchesne River from Myton to Strawberry River confluence	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	39.46	
Uinta	UT14060003-008	Lake Fork-1	Lake Fork River and tributaries from Duchesne River confluence to Pigeon Water Creek confluence	3A	NS	5	Temperature	19.64	
Uinta	UT14060004-001	Strawberry River-1	Strawberry River from confluence with Duchesne River to Starvation Dam	4	NS	5	Boron	5.94	
Uinta	UT14060004-002	Indian Canyon Creek	Indian Canyon Creek and tributaries from Strawberry River confluence to headwaters	1C	NS	5	Arsenic	44.01	
Uinta	UT14060004-002	Indian Canyon Creek	Indian Canyon Creek and tributaries from Strawberry River confluence to headwaters	4	NS	5	Boron	44.01	
Uinta	UT14060004-002	Indian Canyon Creek	Indian Canyon Creek and tributaries from Strawberry River confluence to headwaters	4	NS	5	TDS	44.01	
Uinta	UT14060004-005	Avintaquin Creek	Avintaquin Creek and tributaries from Strawberry River confluence to headwaters	1C	NS	5	Arsenic	53.84	
Uinta	UT14060005-002	Pariette Draw Creek	Pariette Draw Creek and tributaries from Green River confluence to headwaters	3B	NS	5	Selenium	54.1	4/1/2010
Uinta	UT14060005-002	Pariette Draw Creek	Pariette Draw Creek and tributaries from Green River confluence to headwaters	3D	NS	5	Selenium	54.1	4/1/2010

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	TMDL Target Date
Uinta	UT14060005-002	Pariette Draw Creek	Pariette Draw Creek and tributaries from Green River confluence to headwaters	4	NS	5	Boron	54.1	4/1/2010
Uinta	UT14060005-002	Pariette Draw Creek	Pariette Draw Creek and tributaries from Green River confluence to headwaters	4	NS	5	TDS	54.1	4/1/2010
Uinta	UT14060005-003	Nine Mile	Ninemile Creek and tributaries from Green River confluence to headwaters	3A	NS	5	Temperature	119.1	4/1/2010
Weber River	UT16020101-004	Weber River-7	Weber River segment between confluence of Lost Creek and Echo Reservoir	3A	NS	5	Total Phosphorus	10.57	
Weber River	UT16020101-015	East Fork Chalk Creek	East Fork Chalk Creek and tributaries from confluence with Chalk Creek to headwaters	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	28.42	
Weber River	UT16020101-020	Silver Creek	Silver Creek and tributaries from confluence with Weber River to headwaters	1C	NS	5	Arsenic	21.37	
Weber River	UT16020102-001	Weber River-1	Weber River and tributaries from Great Salt Lake to Slaterville Diversion	3C	NS	5	Benthic Macroinvertebrate Assessment Impairment	60.15	
Weber River	UT16020102-002	Weber River-3	Weber River from Ogden River confluence to Cottonwood Creek confluence	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	17.86	
Weber River	UT16020102-005	Ogden River-1	Ogden River from confluence with Weber River to Pineview Reservoir	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	9.66	
Weber River	UT16020102-022	Weber River-6	Weber River between East Canyon Creek confluence and Lost Creek confluence	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	12.37	

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	TMDL Target Date
Weber River	UT16020102-027	Kimball Creek	Kimball Creek and tributaries from East Canyon Creek confluence to headwaters, including McLeod Creek	3A	NS	5	Benthic Macroinvertebrate Assessment Impairment	12.97	

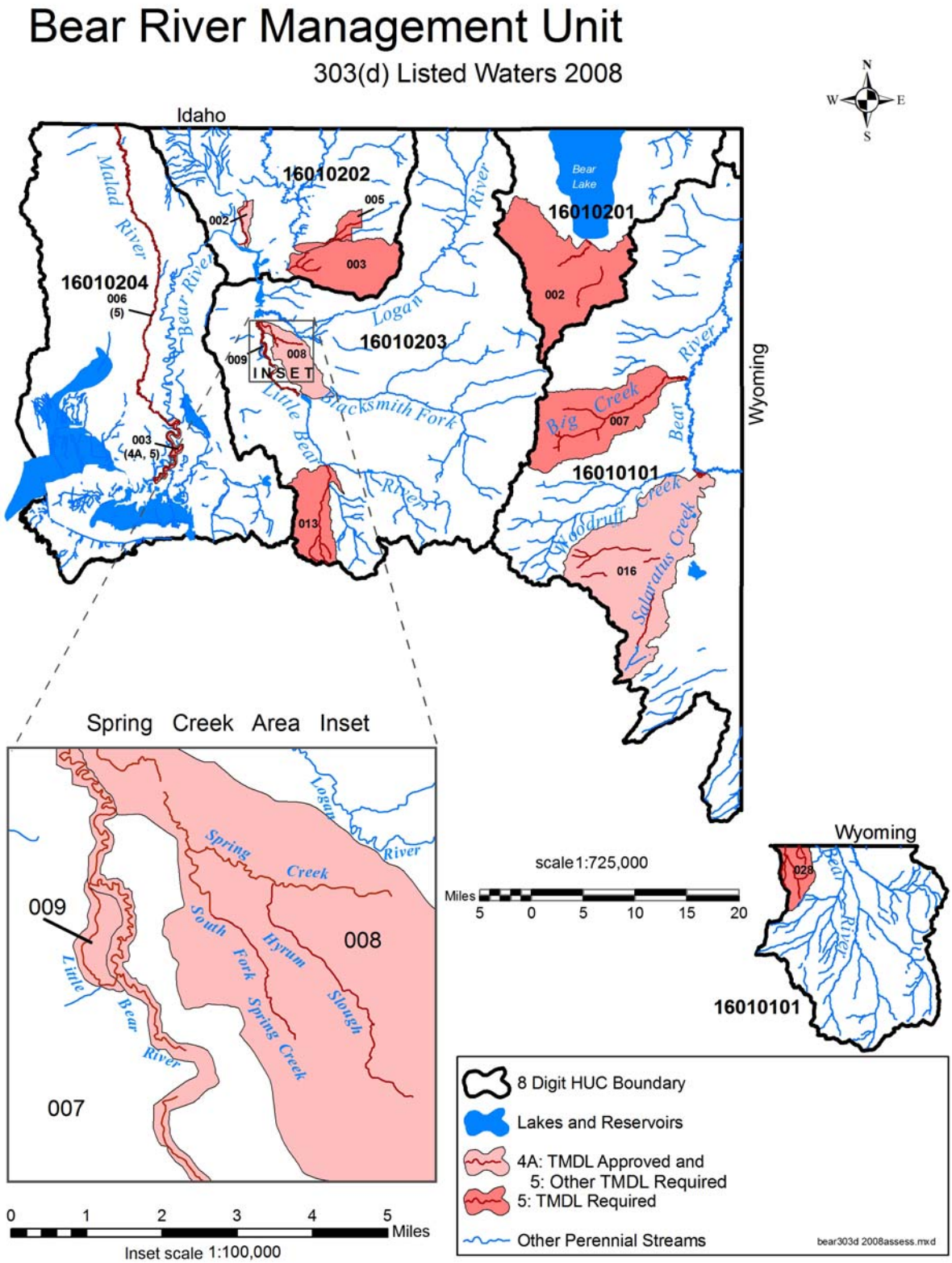

Figure 3.1-2 Bear River Stream Assessment Units on the 2008 303(d) List

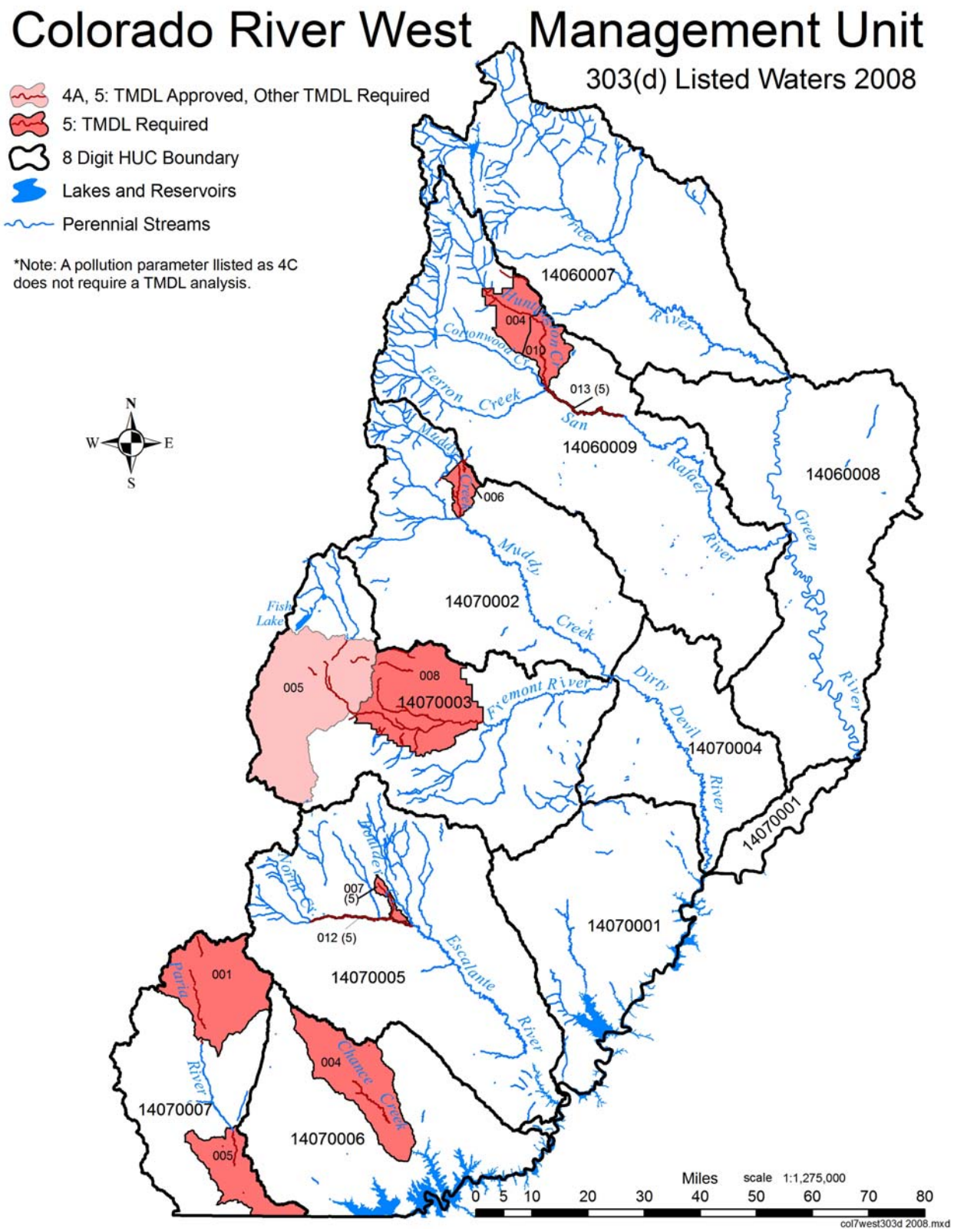

Figure 3.1-3 Colorado River West Stream Assessment Units on the 2008 303(d) List

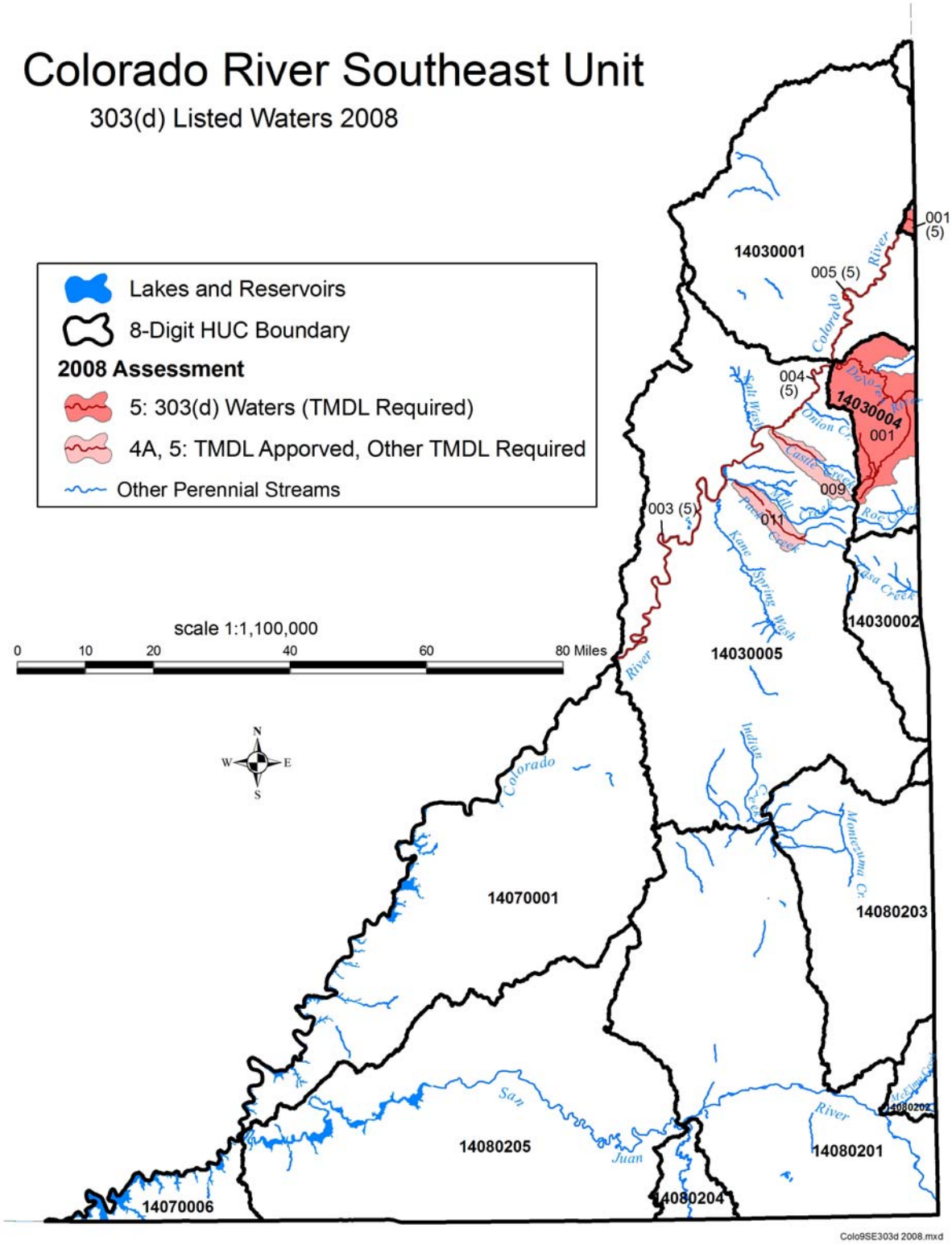

Figure 3.1-4 Colorado River Southeast Stream Assessment Units on the 2008 303(d) List

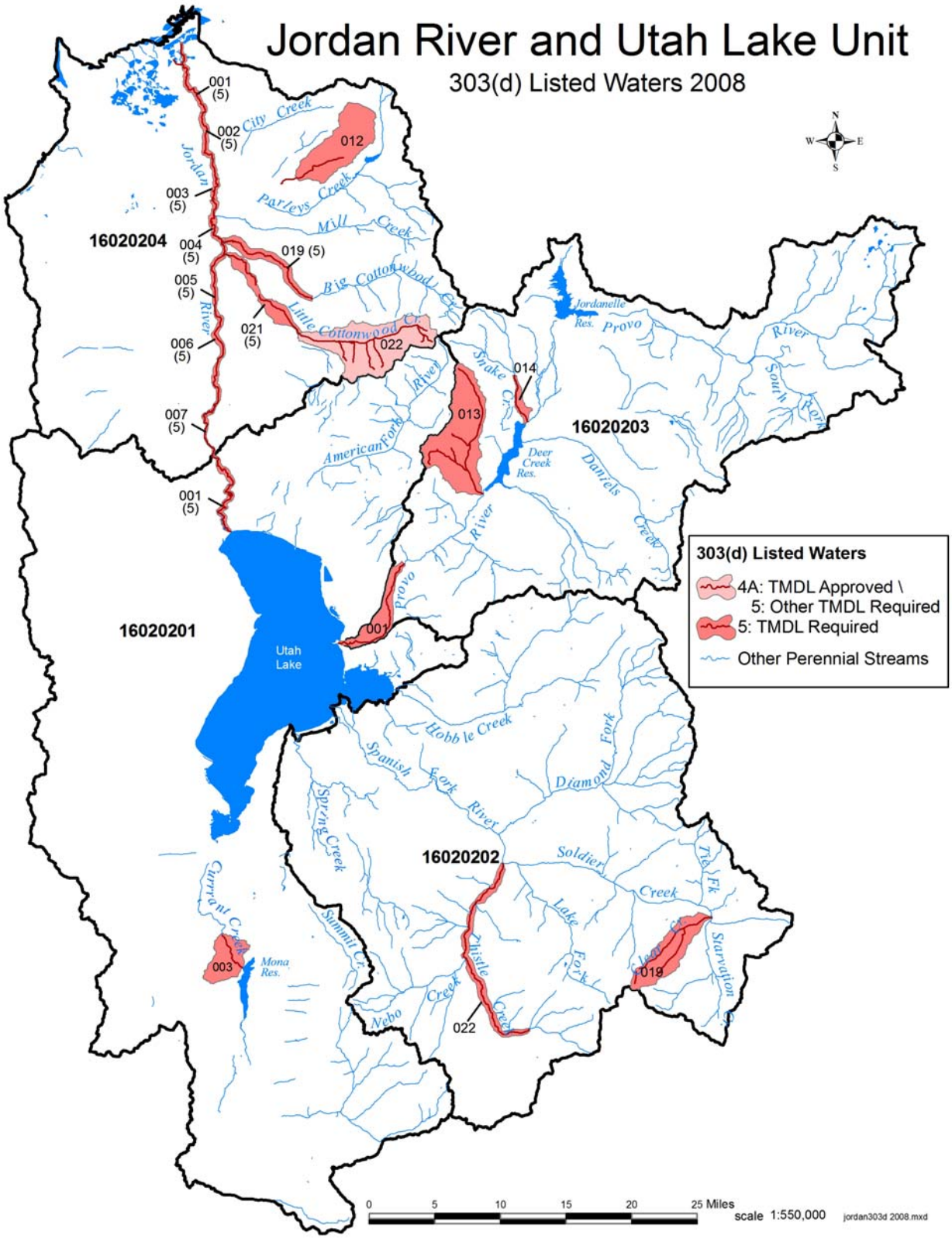

Figure 3.1-5 Jordan River / Utah Lake Stream Assessment Units on the 2008 303(d) List

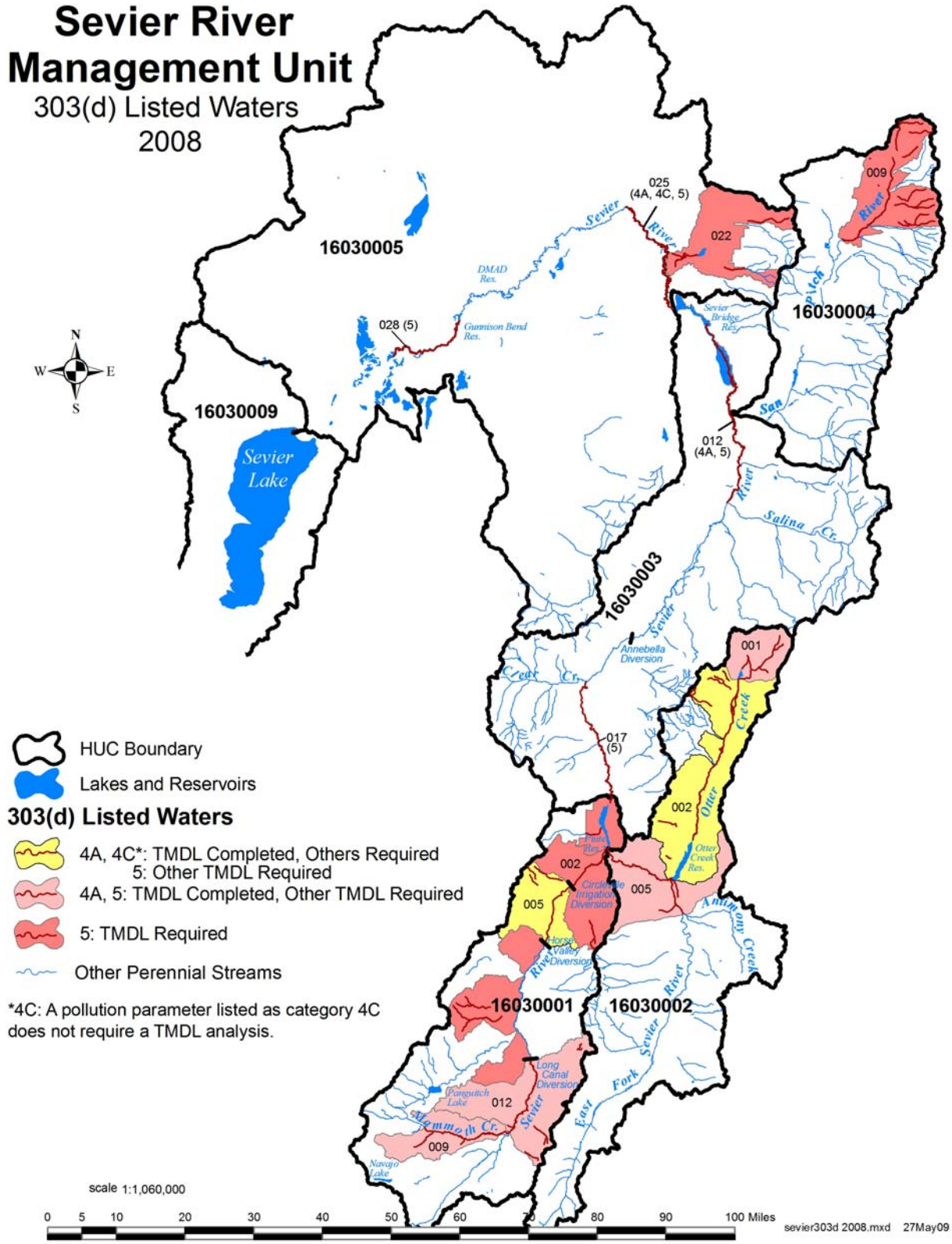

Figure 3.1-6 Sevier River Stream Assessment Units on the 2008 303(d) List

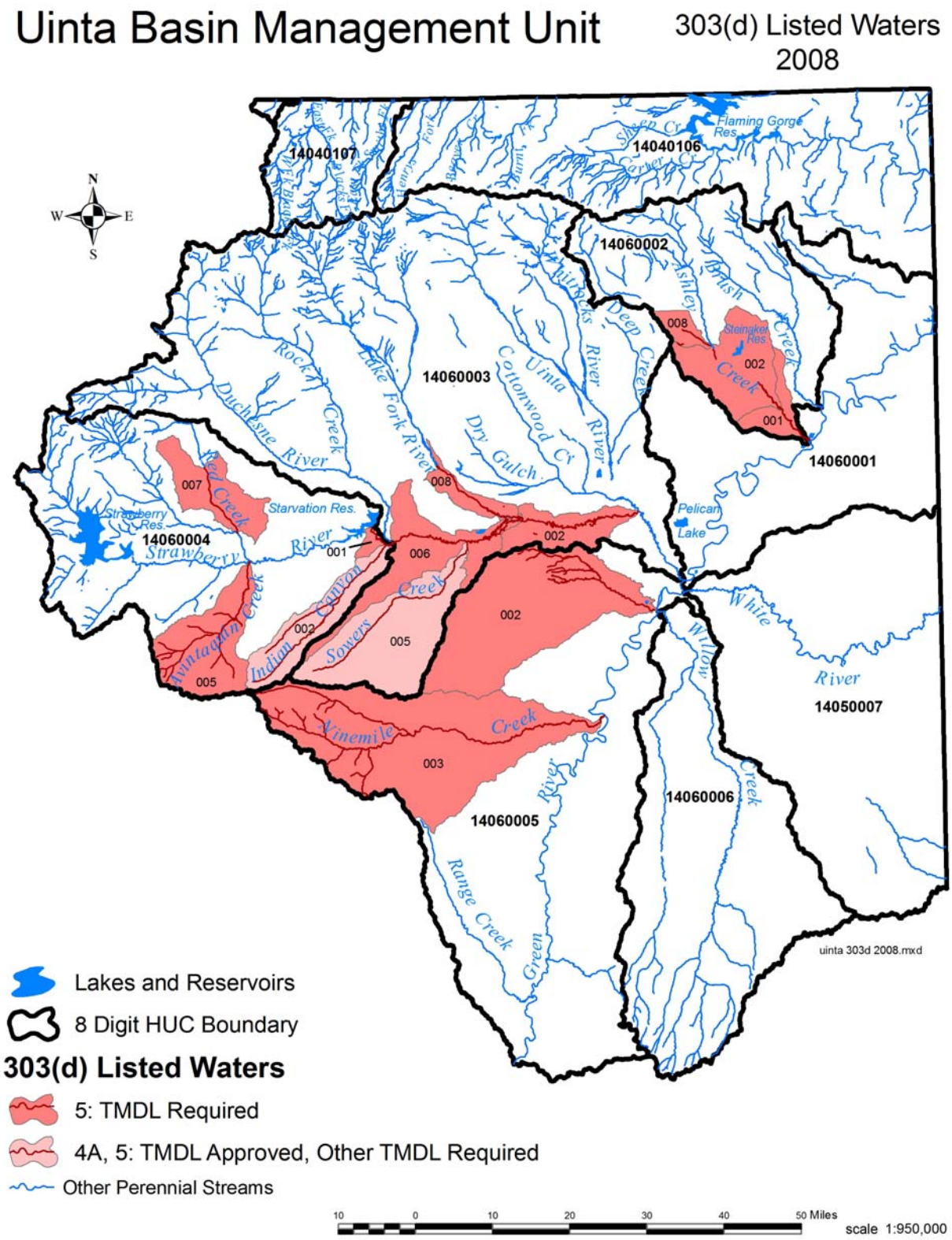

Figure 3.1-7 Uinta Stream Assessment Units on the 2008 303(d) List

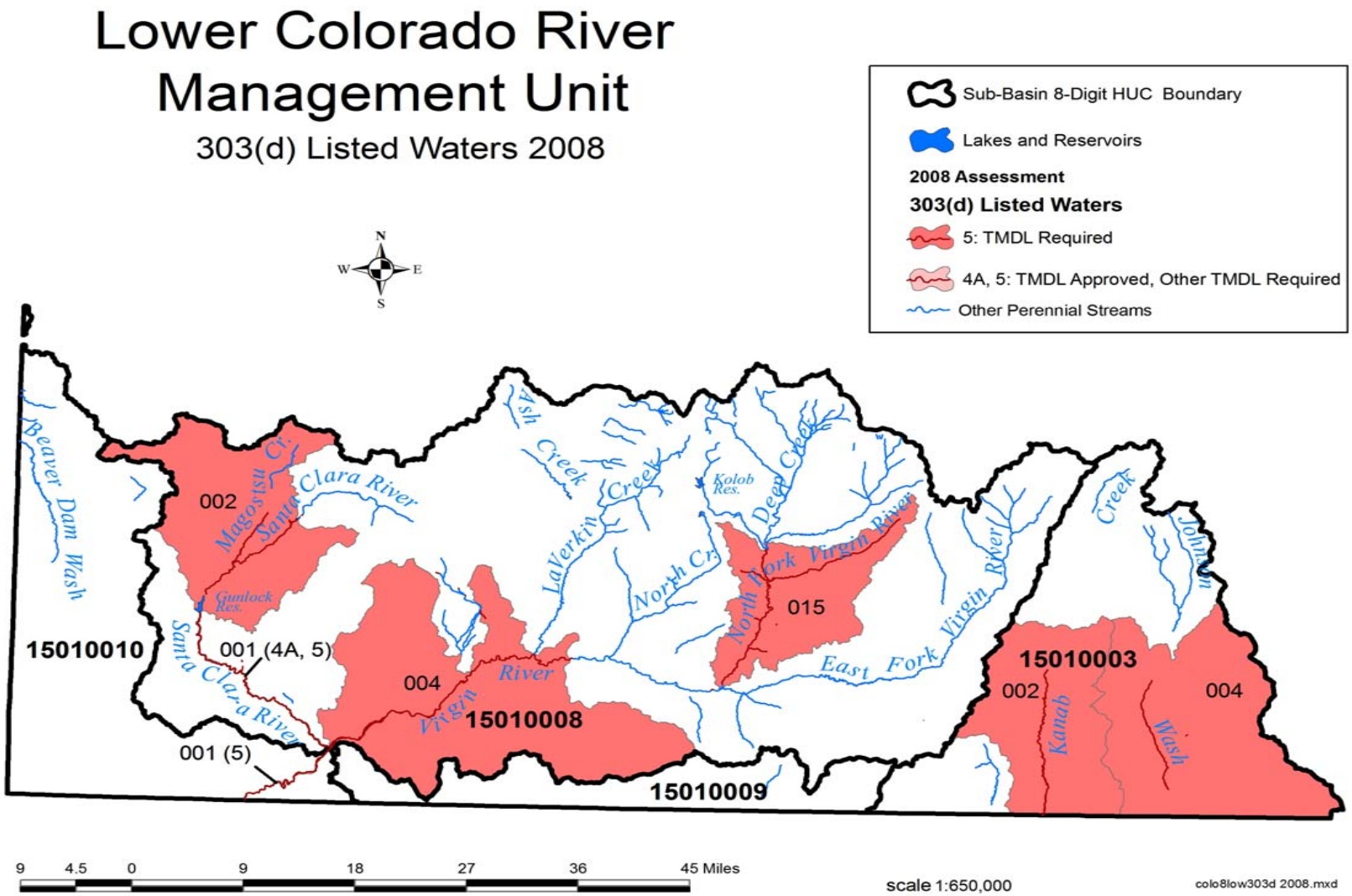

Figure 3.1-8 Lower Colorado Stream Assessment Units on the 2008 303(d) List

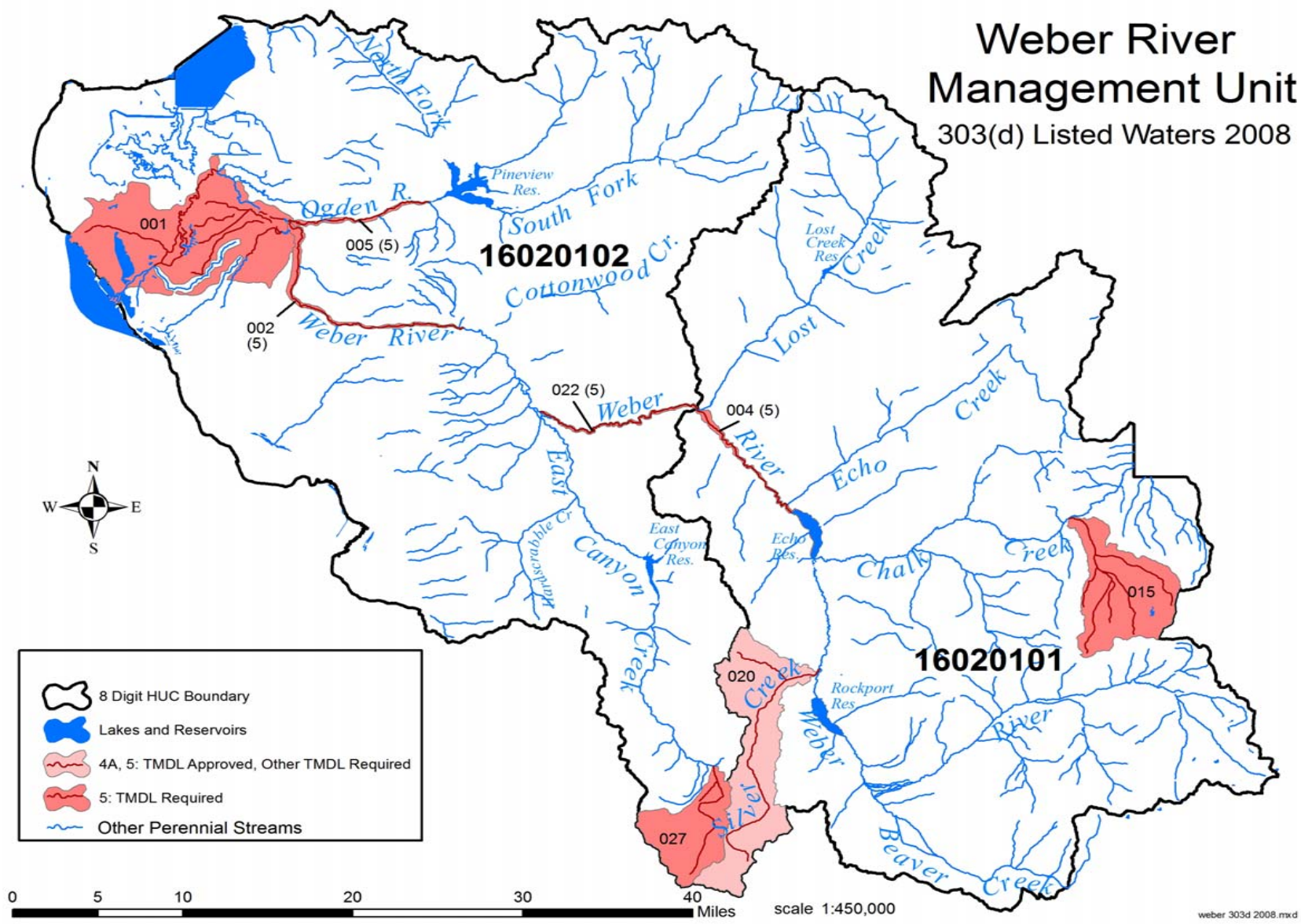

Figure 3.1-9 Weber River Stream Assessment Units on the 2008 303(d) List

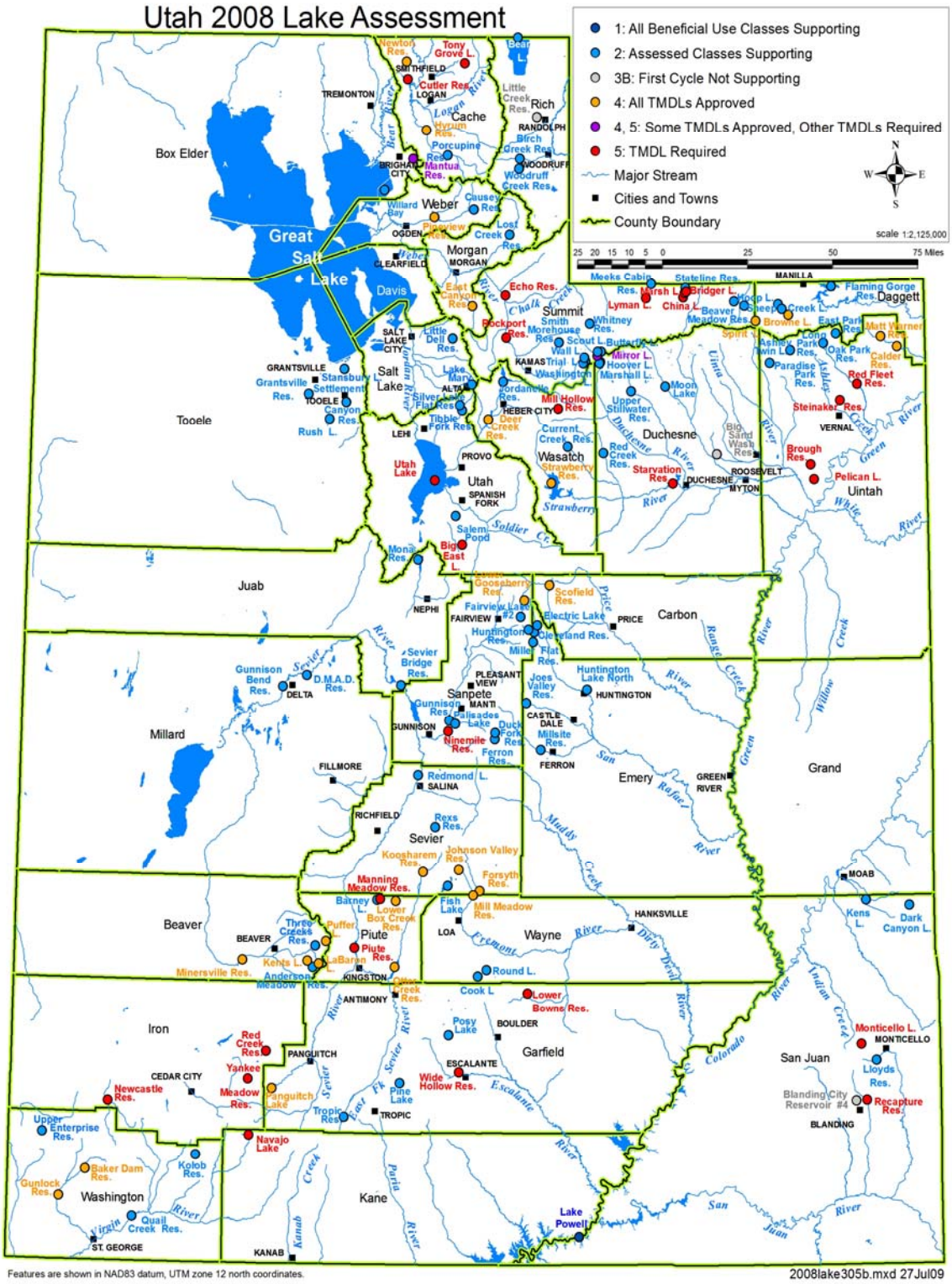

Figure 3.1-10 Lake and reservoir assessment by category

Table 3.1-3 Request for Removal of Stream and River Assessment Units from the 303(d) List

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	Reason For Delisting
Bear River	UT16010101-006	Bear River-4	Bear River from Woodruff Creek north to Sage Creek Junction	3A	FS	2	Dissolved Oxygen	55.67	Dissolved Oxygen standard was met
Bear River	UT16010101-016	Saleratus Creek	Saleratus Creek and tributaries from confluence with Woodruff Creek to headwaters	3A	NS	3A	Dissolved Oxygen	29.05	TMDL Approved 08/04/2006
Colorado River West	UT14070002-009	Lower Muddy Creek	Muddy Creek from confluence w/Freemont River to Ivie Creek confluence	4	FS	2	Total Dissolved Solids	84.79	TDS standard was met during this assessment. This AU now has a site specific standard.
Colorado River West	UT14070002-007	Lower Quitchipah Creek	Quitchipah Creek from confluence of Ivie Cr. to U-10 xing	4	FS	2	Total Dissolved Solids	9.95	TDS standard was met during this assessment. This AU now has a site specific standard.
Colorado River West	UT14070002-008	Lower Ivie Creek	Ivie Creek and tributaries from confluence w/Muddy River to U-10 highway	4	FS	2	Total Dissolved Solids	14.01	TDS standard was met during this assessment. This AU now has a site specific standard.
Colorado River West	UT14070002-006	Middle Muddy	Muddy Creek and tributaries from Ivie Creek confluence to U-10 xing	4	FS	2	Total Dissolved Solids	20.06	TDS standard was met during this assessment. This AU now has a site specific standard.
Colorado River West	UT14060007-005	Price River-2	Price River and tributaries from Carbon Canal Diversion to Price City WTP intake	4	FS	2	Total Dissolved Solids	9.22	TDS standard was met during this assessment. This AU now has a site specific standard.
Colorado River Southeast	UT14030005-009	Castle Creek-1	Castle Creek and tributaries from confluence with Colorado River to Seventh-Day Adventist diversion	4	NS	2	TDS	9	New Site Specific Standard 1,800 mg/l Approved by the State Water Quality Board.
Colorado River Southeast	UT14030005-012	Castle Creek-2	Castle Creek and tributaries from confluence with Colorado River to Seventh-Day Adventist diversion	4	FS	2	NA	9.14	AU was split to match reach where site-specific TDS standard applies (Castle Creek-1)

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	Reason For Delisting
Colorado River West	UT14060007-007	Price River-3	Price River and tributaries from Coal Creek confluence to Carbon Canal Diversion	4	FS	2	TDS	16.65	New Site Specific Standard 1,700 mg/l Approved by the State Water Quality Board, June 1, 2005
Colorado River West	UT14060007-014	Price River-4	Price River and tributaries from near Woodside to Soldier Creek confluence	4	FS	2	TDS	67.83	New Site Specific Standard 3,000 mg/l Approved by the State Water Quality Board, June 1, 2005
Colorado River West	UT14060007-015	Price River-5	Price River and tributaries from confluence w/Green River to near Woodside	4	FS	2	TDS	24.52	New Site Specific Standard 3,000 mg/l Approved by the State Water Quality Board, June 1, 2005
Colorado River West	UT14060009-010	Huntington Creek-1	Huntington Creek and tributaries from confluence with Cottonwood Creek to Highway 10	4	FS	2	TDS	25.79	New Site Specific Standard 4,800 mg/l Approved by the State Water Quality Board, June 1, 2005
Colorado River West	UT14060009-011	Lower Cottonwood Creek	Cottonwood Creek from confluence w/Huntington Creek to Highway 57	4	FS	2	TDS	17.76	Site Specific Standard by Utah Water Quality Board June 1, 2005
Colorado River West	UT14060009-013	Upper San Rafael	San Rafael River from Buckhorn Crossing to confluence Huntington and Cottonwood Creeks	4	FS	2	TDS	23.25	New Site Specific Standard 3,500 mg/l Approved by the State Water Quality Board, June 1, 2005
Colorado River West	UT14060009-014	Lower San Rafael	San Rafael River from Buckhorn Crossing to confluence Huntington and Cottonwood Creeks	4	FS	2	TDS	82.84	New Site Specific Standard 4.100 mg/l Approved by the State Water Quality Board, June 1, 2005
Colorado River West	UT14070002-006	Middle Muddy	Muddy Creek and tributaries from Ivie Creek confluence to U-10 crossing	4	FS	2	TDS	20.06	New Site Specific Standard 2,600 mg/l Approved by the State Water Quality Board, June 1, 2005
Colorado River West	UT14070002-007	Lower Quitchipah Creek	Quitchipah Creek from confluence of Ivie Cr. to U-10 crossing	4	FS	2	TDS	20.06	New Site Specific Standard 2,600 mg/l Approved by the State Water Quality Board, June 1, 2005

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	Reason For Delisting
Colorado River West	UT14070002-008	Lower Ivie Creek	Ivie Creek and tributaries from confluence w/Muddy River to U-10 highway	4	FS	2	TDS	14.01	TDS standard was met during this assessment. This AU now has a site specific standard.
Colorado River West	UT14070002-009	Lower Muddy Creek	Muddy Creek from confluence w/Freemont River to Ivie Creek confluence	4	FS	2	TDS	84.79	TDS standard was met during this assessment. This AU now has a site specific standard of 5,800 mg/l.
Colorado River West	UT14070002-009	Lower Muddy Creek	Muddy Creek from confluence w/Freemont River to Ivie Creek confluence	4	FS	2	Selenium	84.79	Selenium standard was met during this assessment.
Colorado River West	UT14070005-012	Upper Escalante	Escalante River from Boulder Creek confluence to Birch Creek confluence	3B	FS	2	Temperature	26.78	The Upper Escalante had been reclassified to 3B, warm water fishery. An assessment of the temperature and benthic data warranted the change from NS to full support.
Jordan River/ Utah Lake	UT16020204-001	Jordan River-1	Jordan River from Farmington Bay upstream contiguous with the Davis County line.	4	FS	2	TDS	7.6	TDS standard was met during this assessment.
Jordan River/ Utah Lake	UT16020202-012	Soldier Creek-1	Soldier Creek from confluence with Thistle Creek to confluence of Starvation Creek	3A	NS	4A	Siltation	18.46	Approved TMDL 8/4/2006
Jordan River/ Utah Lake	UT16020202-012	Soldier Creek-1	Soldier Creek from confluence with Thistle Creek to confluence of Starvation Creek	3A	NS	4A	Total Phosphorus	18.46	Approved TMDL 8/4/2006
Lower Colorado	UT15010010-001	Virgin River-1	Virgin River from state line to Santa Clara Confluence	4	FS	2	TDS	15.24	New Site Specific Standard 2,360 mg/l Approved by the State Water Quality Board, June 1, 2005
Lower Colorado	UT15010008-004	Virgin River-2	Virgin River and tributaries from Santa Clara River confluence to Quail Creek diversion (excludes Quail Creek and Leads Creek)	4	FS	2	TDS	41.11	New Site Specific Standard 2,360 mg/l Approved by the State Water Quality Board, June 1, 2005

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	Reason For Delisting
Sevier River	UT16030001-012	Sevier River-1	Sevier River and tributaries from Long Canal to Mammoth Creek confluence	3A	NS	4A	Sedimentation/siltation	27.1	Total phosphorus TMDL 8/4/2004 considered sedimentation as a component of bioligical integrity and total phosphorus.
Sevier River	UT16030001-007	Sevier River-2	Sevier River and tributaries from Horse Valley Bridge Diversion upstream to Long Canal excluding Panquitch Creek, Bear River Creek and their tributaries.	3A	NS	4A	Sedimentation/siltation	46.98	TMDL 8/4/2004
Sevier River	UT16030001-005	Sevier River-3	Sevier River and tributaries from Circleville Irrigation Diversion to Horse Valley Diversion	3A	NS	4A	Siltation	20.4	TMDL 8/24/2004
Sevier River	UT16030003-012	Sevier River-17	Sevier River from Yuba Dam upstream to confluence with Salina Creek	4	NS	4A	Total Dissolved Solids	45.24	TMDL 8/17/2004
Sevier River	UT16030003-012	Sevier River-17	Sevier River from Yuba Dam upstream to confluence with Salina Creek	3B	NS	4A	Sedimentation/siltation	45.24	TMDL 8/17/2004
Sevier River	UT16030005-025	Sevier River-20	Sevier River from U-132 at the northern most point of the Sevier River (near Dog Valley Wash confluence) upstream to Yuba Dam.	3B	NS	4A	Sediment	34.43	TMDL 8/1/2004
Sevier River	UT16030005-026	Sevier River-22	Sevier River from DMAD Reservoir upstream to U-132 crossing at the northern most point of the Sevier River (near Dog Valley Wash)	3B	NS	4A	Sedimentation/siltation	42.26	TMDL 8/1/2004
Sevier River	UT16030005-027	Sevier River-24	Sevier River from Gunnison bend Reservoir to DMAD Reservoir	4	FS	2	Total Dissolved Solids	17.45	New Site Specific Standard 1,725 mg/l Approved by the State Water Quality Board, June 1, 2005
Sevier River	UT16030005-027	Sevier River-24	Sevier River from Gunnison bend Reservoir to DMAD Reservoir	3B	*NA*	*3A*	Sedimentation/siltation	17.45	TMDL 8/1/2004
Sevier River	UT16030005-028	Sevier River-25	Sevier River from Crafts Lake to Gunnison Bend Reservoir	4	FS	2	Total Dissolved Solids	18.66	6/1/2005 for site-specific TDS standard of 3,370 mg/l. Meets new site specific standard.
Sevier River	UT16030002-005	East Fork Sevier-4	East Fork Sevier River and tributaries from confluence with Sevier River upstream to Antimony Creek confluence excluding Otter Creek and tributaries	3A	NS	4A	Total Phosphorus	25.74	TMDL 8/4/2006

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Assessment Unit Description	Beneficial Use Class	Beneficial Use Support	Assessment Category	Pollutant	Stream Miles	Reason For Delisting
Sevier River	UT16030003-005	Lost Creek-1	Lost Creek and tributaries from confluence w/Sevier River upstream ~ 6 miles	4	FS	2	Total Dissolved Solids	4.11	New site specific standard set by Utah State Water Quality Board, 4,600 mg/l, June 1, 2005
Sevier River	UT16030003-027	Peterson Creek	Peterson Creek and tributaries from confluence with Sevier River to USFS boundary.	4	NA	3A	Total Dissolved Solids	8.7	New Site Specific Standard 9,700 mg/l Approved by the State Water Quality Board, June 1, 2005
Sevier River	UT16030004-009	San Pitch-5	San Pitch River and tributaries from U-132 to Pleasant Creek confluence excluding Cedar Creek, Oak Creek, Pleasant Creek, and Cottonwood Creek	3A	FS	2	Temperature, water	65.657	Fully supporting for temperature after not supporting for 2006 IR
Uinta	UT14060003-001	Duchesne River-1	Duchesne River and tributaries from confluence Green River to Uinta River confluence.	4	NS	4A	TDS	19.49	Approved TMDL 7/9/2007
Uinta	UT14060003-002	Duchesne River-2	Duchesne River and tributaries from Randlett to Myton.	4	NS	4A	Total Dissolved Solids	19.49	Approved TMDL 7/9/2007
Uinta	UT14060003-008	Lake Fork-1	Lake Fork River and tributaries from Duchesne River confluence to Pigeon Water Creek confluence	3A	FS	2	Sediment/Siltation	19.64	The listing methodology was not based on valid analyses. Utah previously had an indicator value for total suspended solids in the Water Quality Standards but was deleted in 2004.
Uinta	UT14060003-008	Lake Fork-1	Lake Fork River and tributaries from Duchesne River confluence to Pigeon Water Creek confluence	4	*NS*	*4A*	TDS	19.64	Approved TMDL 7/9/2007
Uinta	UT14060006-001	Willow Creek	Willow Creek and tributaries confluence Green River to Meadow Creek confluence (excluding Hill Creek).	4	FS	2	TDS	57.18	Assessed as Fully Supporting
Weber	UT16020101-007	Echo Creek	Echo Creek and tributaries from confluence with Weber River to headwaters, excluding Sawmill Creek	3A	NS	4A	Siltation	41.5	Approved TMDL 4/1/2006

Table 3.1-4 Category 5 - Lakes needing Total Maximum Daily Load Analysis - 303(d) List

Watershed Management Unit	Assessment Unit ID	Assessment Unit Description	Beneficial Use Class	Lake Acreage	Pollutant
Bear River	UT-L-16010204-033	Mantua Reservoir	3A	554	Temperature
Bear River	UT-L-16010202-002	Cutler Reservoir	3B	7,184	Total Phosphorus
Bear River	UT-L-16010202-002	Cutler Reservoir	3B	7,184	Dissolved Oxygen
Bear River	UT-L-16010203-012	Tony Grove Lake	3A	25	Total Phosphorus
Bear River	UT-L-16010203-012	Tony Grove Lake	3A	25	Dissolved Oxygen
Bear River	UT-L-16010203-012	Tony Grove Lake	3A	25	pH
Cedar/Beaver	UT-L-16030006-019	Red Creek Reservoir (Iron Co)	3A	62	Dissolved Oxygen
Cedar/Beaver	UT-L-16030007-025	Three Creeks Reservoir	3A	57	pH
Colorado River Southeast	UT-L-14080201-007	Recapture Reservoir	3A	17	Dissolved Oxygen
Colorado River Southeast	UT-L-14030005-004	Kens Lake	3A	86	T
Colorado River West	UT-L-14060007-004	Lower Gooseberry Reservoir	3A	57	Dissolved Oxygen
Colorado River West	UT-L-14060007-004	Lower Gooseberry Reservoir	3A	57	pH
Jordan River / Utah Lake	UT-L-16020203-004	Mill Hollow Reservoir	3A	15	Total Phosphorus
Jordan River / Utah Lake	UT-L-16020203-004	Mill Hollow Reservoir	3A	15	pH

Watershed Management Unit	Assessment Unit ID	Assessment Unit Description	Beneficial Use Class	Lake Acreage	Pollutant
Jordan River / Utah Lake	UT-L-16020201-004	Utah Lake	3B	96,900	Total Phosphorus
Jordan River / Utah Lake	UT-L-16020201-004	Utah Lake	3B	96,900	TDS
Jordan River / Utah Lake	UT-L-16020202-002	Big East Lake	3A	23	Dissolved Oxygen
Lower Colorado River	UT-L-15010008-008	Baker Dam Reservoir	3A	63	Temperature.
Sevier River	UT-L-16030003-012	Palisades Lake	3A	66	Temperature.
Sevier River	UT-L-16030001-011	Piute Reservoir	3A	2,508	Total Phosphorus
Sevier River	UT-L-16030003-006	Manning Meadow Reservoir	3A	59	Dissolved Oxygen
Sevier River	UT-L-16030003-006	Manning Meadow Reservoir	3A	59	Total Phosphorus
Sevier River	UT-L-16030001-001	Navajo Lake	3A	714	Dissolved Oxygen
Sevier River	UT-L-16030004-001	Ninemile Reservoir	3A	197	Dissolved Oxygen
Sevier River	UT-L-16030004-001	Ninemile Reservoir	3A	197	pH
Sevier River	UT-L-16030004-001	Ninemile Reservoir	3A	197	Temperature
Sevier River	UT-L-16030006-008	Newcastle Reservoir	3A	163	Dissolved Oxygen
Sevier River	UT-L-16030006-008	Newcastle Reservoir	3A	163	Total Phosphorus
Sevier River	UT-L-16030006-017	Yankee Meadow Reservoir	3A	53	Dissolved Oxygen

Watershed Management Unit	Assessment Unit ID	Assessment Unit Description	Beneficial Use Class	Lake Acreage	Pollutant
Uinta	UT-L-14060003-011	Matt Warner Reservoir	3A	297	Temperature
Uinta	UT-L-14060001-001	Pelican Lake	3B	1,680	pH
Uinta	UT-L-14060001-002	Brough Reservoir	3A	128	Temperature
Uinta	UT-L-14060001-002	Brough Reservoir	3A	128	Dissolved Oxygen
Uinta	UT-L-14060003-006	Mirror Lake	3A	50	Dissolved Oxygen
Uinta	UT-L-16030007-028	Sheep Creek Lake	3A	2218	pH
Uinta	UT-L-14060002-004	Steinaker Reservoir	3A	829	Temperature
Uinta	UT-L-14060002-004	Steinaker Reservoir	3A	829	Dissolved Oxygen
Uinta	UT-L-14060002-006	Red Fleet Reservoir	3A	520	Dissolved Oxygen
Uinta	UT-L-14040107-004	Bridger Lake	3A	288	Dissolved Oxygen
Uinta	UT-L-14040107-006	China Lake	3A	31	Dissolved Oxygen
Uinta	UT-L-14040107-006	China Lake	3A	31	Temperature
Uinta	UT-L-14040107-003	Marsh Lake	3A	38	Dissolved Oxygen
Weber River	UT-L-16020101-001	Echo Reservoir	3A	1,394	Dissolved Oxygen
Weber River	UT-L-16020101-001	Echo Reservoir	3A	1,394	Total Phosphorus

Watershed Management Unit	Assessment Unit ID	Assessment Unit Description	Beneficial Use Class	Lake Acreage	Pollutant
Colorado River West	UT-L-14070003-044	Lower Bowns Reservoir	3A	90	pH
Colorado River Southeast	UT-L-14080203-002	Monticello Lake	3A	3	pH
Weber River	UT-L-16020101-002	Rockport Reservoir	3A	1,189	Dissolved Oxygen
Uinta	UT-L-14060004-006	Starvation Reservoir	3A	2,760	Dissolved Oxygen
Colorado River West	UT-L-14070005-011	Wide Hollow Reservoir	3A	145	pH

Table 3.1-5 2008 Category 4A - Total Maximum Daily Load Analyses Completed and Approved by EPA

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Beneficial Use Class	Pollutant TMDL Completed	Beneficial Use Support	Lake Acreage	Date TMDL Approved	Comments
Jordan River / Utah Lake	UT-L-16020203-001	Deer Creek Reservoir	3A	TEMP	NS	2,965	9/9/2002	Delisted for Temperature 5/2/03
Uinta Basin	UT-L-14040106-019	Browne Lake	3A	DO	NS	54	2/19/2003	
Uinta Basin	UT-L-14040106-019	Browne Lake	3A	TP	NS	54	2/19/2003	
Sevier	UT-L-16030002-011	Koosharem Reservoir	3A	TP	NS	310	8/4/2006	
Uinta	UT-L-14060004-001	Strawberry Reservoir	3A	DO	NS	17,160	7/9/2007	
Uinta	UT-L-14060004-001	Strawberry Reservoir	3A	TP	NS	17,160	7/9/2007	
Uinta	UT-L-14040106-034	Calder Reservoir	3A	DO	NS	99	7/9/2007	
Uinta	UT-L-14040106-034	Calder Reservoir	3A	TP	NS	99	7/9/2007	
Lower Colorado River	UT-L-15010008-008	Baker Dam Reservoir	3A	TP	NS	63	9/9/2004	TMDL approved for TP and DO 9/9/2004
Lower Colorado River	UT-L-15010008-008	Baker Dam Reservoir	3A	DO	NS	63	9/9/2004	
Lower Colorado River	UT-L-15010008-001	Gunlock Reservoir	3A	DO	NS	266	9/9/2004	
Lower Colorado River	UT-L-15010008-001	Gunlock Reservoir	3A	DO	NS	266	9/9/2004	
Bear River	UT-L-16010202-013	Newton Reservoir	3A	DO	NS	350	6/24/2004	
Bear River	UT-L-16010202-013	Newton Reservoir	3A	TP	NS	350	6/24/2004	
Uinta	UT-L-14060003-011	Matt Warner Reservoir	3A	TP	NS	297	7/9/2007	.
Uinta	UT-L-14060003-011	Matt Warner Reservoir	3A	DO	NS	297	7/9/2007	

Watershed Management Unit	Assessment Unit ID	Assessment Unit Name	Beneficial Use Class	Pollutant TMDL Completed	Beneficial Use Support	Lake Acreage	Date TMDL Approved	Comments
Sevier River	UT-L-16030002-005	Lower Box Creek Reservoir	3A	TP	NS	50	8/04/2006	
Sevier River	UT-L-16030002-005	Lower Box Creek Reservoir	3A	DO	NS	50	8/04/2006	
Sevier	UT-L-16030002-004	Otter Creek Reservoir	3A	TP	NS	2,520	8/4/2006	
Sevier	UT-L-16030002-004	Otter Creek Reservoir	3A	TEMP	NS	2,520	8/4/2006	Temperature naturally occurring
Sevier	UT-L-16030001-006	Panguitch Lake	3A	DO	PS	1,248	6/24/2004	
Sevier	UT-L-16030001-006	Panguitch Lake	3A	TP	PS	1,248	6/24/2004	

Table 3.6. Status of Total Maximum Daily Analysis of Streams Targeted For Completion In 2006 Integrated Report.								
Watershed Management Unit	**Assessment Unit ID**	**Assessment Unit Name**	**Assessment Unit Description**	**Beneficial Use Class**	**Stream Miles**	**Beneficial Use Support**	**Pollutant**	**Status**
Bear River	UT16010101-006	Bear River-4	Bear River from Sage Creek Junction upstsream to Woodruff Creek confluence	3A	55.67	NS	Dissolved Oxygen	Completed
Bear River	UT16010101-016	Saleratus Creek	Saleratus Creek and tributaries from confluence with Woodruff Creek to headwaters	3A	29.05	NS	Dissolved Oxygen	Rolled Over
Colorado River West	UT14070005-012	Upper Escalante	Escalante River and some tributaries from Boulder Creek confluence to Birch Creek confluence	3A	26.78	NS	Temperatures	Rolled Over
Colorado River West	UT14070007-001	Paria River-1	Paria River from start of Paria River Gorge to headwaters	4	16.77	NS	Total Dissolved Solids	Rolled Over
Colorado River West	UT14070007-005	Paria River-3	Paria River and tributaries from Arizona-Utah state line to Cottonwood Creek confluence	4	9.23	NS	Total Dissolved Solids	Rolled Over
Jordan River/ Utah Lake	UT16020202-012	Soldier Creek-1	Soldier Creek from confluence with Thistle Creek to confluence of Starvation Creek	3A	18.46	NS	Sediment	Completed
Jordan River/ Utah Lake	UT16020202-012	Soldier Creek-1	Soldier Creek from confluence with Thistle Creek to confluence of Starvation Creek	3A	18.46	NS	Total Phosphorus	Completed
Sevier River	UT16030002-005	East Fork Sevier-4	East Fork Sevier River and tributaries from confluence with Sevier River unstream to Antimony Creek confluence excluding Otter Creek and tributaries	3A	25.74	NS	Total Phosphorus	Completed
Sevier River	UT16030005-022	Chicken Creek-2	Chicken Creek and tributaries from confluence w/Sevier River to Levan	4	24.51	NS	Total Dissolved Solids	Rolled Over
Weber	UT16020101-007	Echo Creek	Echo Creek and tributaries from confluence w/ Weber River to headwaters	3A	44.15	NS	Sediment	Completed